10/758,561/EAST Search History / Interference

| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| L1       | 0    | (photonic near interface) and (optic\$ near fiber) and (385/79,82,83,84.ccls.) and (interface near partially near transparent) and (digital near logic) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/06/04 12:22 |
| L2       | 0    | (photonic near interface) and (optic\$ near fiber) and (385/79,82,83,84.ccls.) and (interface near partially near transparent)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | , OR                | ON      | 2007/06/04 12:23 |
| L3       | 0    | (photonic near interface) and (optic\$ near fiber) and (398/79,82,83,84.ccls.) and (interface near partially near transparent)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/06/04 12:23 |
| L4       | 0    | (photonic near interface) and (398/79, 82,83,84.ccls.) and (interface near partially near transparent)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/06/04 12:23 |
| L5       | 0    | (photonic near interface) and (398/79, 82,83,84.ccls.) and (integrated near multiplexer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/06/04 12:24 |
| L6       | . 0  | (photonic near interface) and (398/79, 82,83,84.ccls.) and (integrated near grating)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/06/04 12:24 |
| S1       | 2    | "5559912".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/05/30 11:51 |
| S2       | 3    | (integrated near photonic near circuit) and (photonic near interface)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/06/04 10:51 |
| S3       | . 0  | (integrated near photonic near circuit)<br>and (photonic near interface) and<br>(logic near module)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/05/30 11:53 |

## **EAST Search History**

|     |    |   |   |    | 1  |                  |
|-----|----|---|---|----|----|------------------|
| S4  | 0  | (photonic near interface) and (logic near module)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/30 11:53 |
| S5  | 44 | (photonic near interface) and (optic\$ near fiber)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/30 11:57 |
| S6  | 0  | (photonic near interface) and (optic\$ near fiber) and (transistor near logic)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:52 |
| S7  | 0  | (photonic near interface) and (optic\$ near fiber) and (logic near module)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/30 11:55 |
| S8  | 0  | (photonic near interface) and (optic\$ near fiber) and (bandgap near energy)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/30 11:56 |
| S9  | 0  | (photonic near interface near silicon) and (optic\$ near fiber)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/30 11:56 |
| S10 | 0  | (photonic near interface near germanium) and (optic\$ near fiber)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/30 11:57 |
| S11 | 0  | (photonic near interface) near<br>(elemental near silicon)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/30 11:57 |
| S12 | 10 | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24.ccls.)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:51 |
| S13 | 0  | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24.ccls.) and (transistor near logic) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:57 |

## **EAST Search History**

|     |    |   |   |    | ,    |                  |
|-----|----|---|---|----|------|------------------|
| S14 | 10 | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24.ccls.) and (interface nera partially near transparent)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2006/05/30 12:00 |
| S15 | 0  | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24.ccls.) and (interface nera partially near transparent) and (computer near control)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/06/04 10:52 |
| S16 | 0  | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24.ccls.) and (interface nera partially near transparent) and (digital near logic)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/06/04 10:52 |
| S17 | 0  | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24,49. ccls.) and (interface nera partially near transparent) and (digital near logic)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/06/04 12:21 |
| S18 | 4  | (integrated near photonic\$ near circuit) and (photonic near interface)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON . | 2007/06/04 10:51 |
| S19 | 13 | (photonic\$ near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/06/04 10:51 |
| S20 | 0  | (photonic\$ near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24.ccls.) and (interface nera partially near transparent) and (computer near control) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/06/04 10:52 |
| S21 | 0  | (photonic\$ near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24.ccls.) and (interface nera partially near transparent) and (digital near logic)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/06/04 10:52 |
| S22 | 0  | (photonic\$ near interface) and (optic\$ near fiber) and (transistor near logic)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/06/04 10:52 |

6/4/07 12:25:04 PM C:\Documents and Settings\bhealy\My Documents\EAST\Workspaces\10758561.wsp Page 3

## **EAST Search History**

|     |   |  | •   |    |    |                  |
|-----|---|--|---|----|----|------------------|
| S23 | 0 | (photonic\$ near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24,49. ccls.) and (interface near partially near transparent) and (digital near logic) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:54 |
| S24 | 0 | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24,49. ccls.) and (interface near partially near transparent) and (digital near logic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:54 |
| S25 | 0 | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24,49. ccls.) and (interface near silicon near interface)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:55 |
| S26 | 0 | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24,49. ccls.) and (interface near silicon near interface) and (bandgap near energy)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:56 |
| S27 | 0 | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24,49. ccls.) and (interface near silicon) and (bandgap near energy)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:56 |
| S28 | 0 | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24,49. ccls.) and (interface near partially near transparent) and (digital near logic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:56 |
| S29 | 0 | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24.ccls.) and (silicon near interface)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:57 |
| S30 | 0 | (photonic near interface) and (optic\$ near fiber) and (385/14,31,37,88,89, 92,42,129,130,131,132,15,16,24.ccls.) and (partially near transparent)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/06/04 10:58 |

Page 4